BUFFALO™

Wireless Networking

AirStation™ Nfiniti™ Wireless-N Router

2 YEAR WARRANTY

The ideal Internet and network solution for the home and small office environment. Perfect for streaming HD movies, music, and e-mailing from multiple PC's simultaneously. With speeds of up to 300Mbps, the Buffalo AirStation™ Nfiniti™ Wireless Router upgrades an existing Wireless connection and provides greater coverage than Wireless-G.

- **Wireless-N Standard Networking offers up to 300Mbps and better coverage**
- **Enhanced Multi-Level Security WPA2, WPA-PSK (TKIP, AES) and 128/64bit WEP security are supported**
- **Secure and easy Set-up with AOSS or WPS**
- **Position vertically, horizontally or wall mounted**

AirStation™ Nfiniti™ Wireless-N Router
WHR-G300NV2

Buffalo AirStation™ Nfiniti™ Wireless-N Router & Access Point is the next standard Wireless router designed to 802.11n specifications.

The AirStation One-Touch Secure System (AOSS™) or Wi-Fi Protected Set-up (WPS) provides a quick and easy way to create secure Wireless connections within minutes.

Each connected PC or laptop can use different security levels simultaneously. It is also possible to restrict access from other devices connecting with different encryption levels.

For example TKIP/AES encryptions can be used for your PCs and WEP encryption for a gaming console simultaneously, but if someone tries to access the network using WEP encryption (which is the weakest encryption) they cannot access other devices connected via TKIP/AES.

Internal antennae and compact chassis. Can be positioned vertically, horizontally or wall mounted.

Key Specifications

- Wireless Connections up to 300Mbps*
- Wireless-N 802.11n Wi-Fi Certified® ensures compatibility with other certified devices
- Supports WDS to increase coverage and can be configured easily with the push of a button
- With VPN support - secure, remote access to your home or small office network.
- Features Wake-on-LAN
- 4 in-built Ethernet Ports for up to 4 simultaneous wired devices
- Simple Web Browser Configuration, no drivers needed
- Supports WPA2, WPA-PSK (TKIP, AES) and 128/64bit WEP Security
- Supports QoS - WMM Wi-Fi Mulitmedia

*Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including network traffic, building materials and construction and network overhead, lower actual data transfer rates.

SPECIFICATIONS

Wireless LAN Interface	
Standard Compliance	IEEE802.11b/IEEE802.11g/IEEE802.11n
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM, MIMO
Frequency Range	2.412 - 2.472GHz (Channels 1-13)
Transmission Rate	802.11n: 14.4, 28.8, 43.3, 57.7, 86.6, 115.5, 130.1, 144.4Mbps (20MHz BW) 802.11n: 30, 60, 90, 120, 180, 240, 270, 300Mbps (40MHz BW) 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps
Access Mode	Infrastructure Mode
Security	WPA2, WPA-PSK (TKIP, AES), 128/64bit WEP, Mac Address Filter

Wired LAN Interface	
Standards Compliance	IEEE802.3u (100BASE-TX), IEEE802.3 (10 BASE-T)
Transmission Rate	10/100Mbps
Transmission Encoding	100 BASE-TX 4B5B/MLT-3, 10 Base-T Manchester Coding
Access Method	CSMA/CD
Speed and Flow Control	10/100, Auto Sensing, Auto MDIX
Number of LAN Ports	4
LAN Port Connector	RJ-45

Other	
Set-up Utility OS Support	Windows® 7™ (32/64bit), Windows® Vista™ (32/64bit), Windows® XP, Windows® 2000
Power Supply	Power Supply
Power Consumption	About 6.0W (Max)
Dimensions	140 x 127 x 25mm
Weight	200g
Operating Environment	0-40°C, 20-80% (non-condensing)

Product Part Number

WHR-G300NV2

Wireless-N Adapters

WLI-UC-G300N
Wireless-N
Keychain USB 2.0 Adapter

About Buffalo

Buffalo Technology UK Ltd. is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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